Ruckus MediaFlex™

Products At-A-Glance

The Ruckus MediaFlex family of customer premise equipment (CPE) is purposely designed and developed for broadband service providers. It includes sophisticated 802.11a/b/g/n wireless IPTV systems for in-home distribution of standard and high-definition multicast IPTV, in-home repeaters for receiving and redistributing a Wi-Fi signals indoors, and advanced "homespot" products that allow multiple services be offered to subscriber homes. All Ruckus MediaFlex products combine innovative, patent-pending smart antenna and traffic management technologies to reliably support voice, video and data in and around the home.

TARGET MARKETS AND CUSTOMERS

- IPTV service providers (wire-replacement for in-home video distribution)
- Triple play service providers (data, video, and voice)
- Broadband operators looking to provide more value-added services (e.g., homespots) to subscribers
- Carriers that want to to offload data traffic from existing GSM (3G+) network to smarter Wi-Fi

QUALIFYING QUESTIONS (To Service Providers)

- Is the installation of in-home cables slowing down your IPTV customer adoption rate?
- Is the truck-roll to service subscribers putting a dent into your Return on Investment (ROI)?
- Do you operate a cellular network that is overly congested and looking for a way to offload subscribers to Wi-Fi networks?
- Are you looking for additional services to increase your customers' Average Revenue per User (ARPU)?
- Are you improving your network to support High Definition (HD) video services?
- Want a Wi-Fi solution that is reliable with maximum coverage?
- Do you want a fully managed in-home Wi-Fi solution?

KEY FEATURES

- **BeamFlex™** — Dynamic beamforming
- **SmartCast** — Advanced quality of service
- **FlexMaster** — Remote Wi-Fi service management

KEY FEATURES / BENEFITS

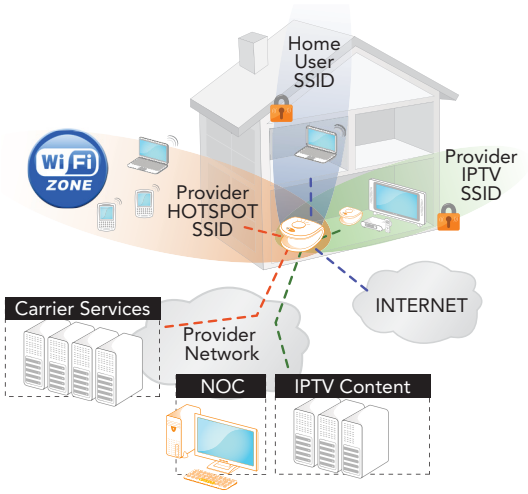
- **Smart Antenna**
  Extended range, more reliable Wi-Fi signals
  - *Quality of service (picks the best path for reliable connections)*
  - *Interference mitigation (automatically steers Wi-Fi signals around interference in real-time)*
  - *High performance multimedia (reliable, secure, extended Wi-Fi range)*
- **Plug and Play**
  Self-installing, automatic configuration
  - *Pre-configured for plug-and-play*
  - *No installer required, it's as simple as connecting a cable*
  - *No configuration required*
  - *Service provider custom configuration parameters*
- **Optimal Wireless Security**
  Automated, robust Wi-Fi security
  - *State of the art encryption, WPA2 with device unique security passphrase*
  - *SSID is hidden and suppressed*
- **Comprehensive Remote Management**
  Statistics, bulk configuration, tiered administration
  - *Ease of management of a single or multiple devices*
  - *Upgrade groups of devices with a single click of the mouse*
  - *Dashboard view of managed devices for quick at-a-glance view of the network health*

Ruckus™ WIRELESS

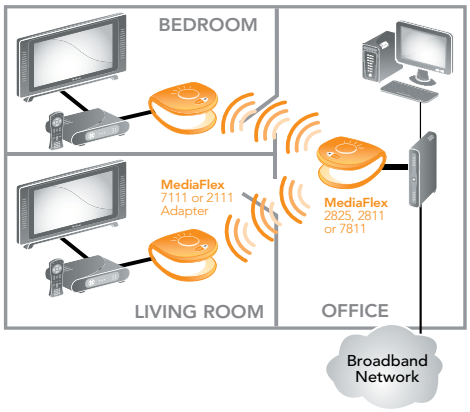
Ruckus MediaFlex™

Products At-A-Glance

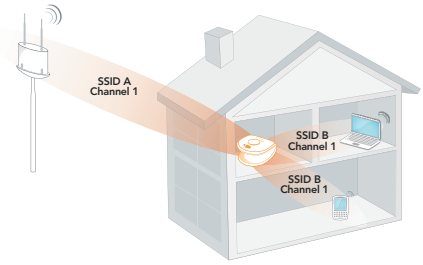
HomeSpot Deployment
with MediaFlex 2835



IPTV Deployment
with MediaFlex 2111 or 7111 adapter



Wireless Extension
with MediaFlex 2200



MODEL	MediaFlex 7811/7111	MediaFlex 2825/2811	MediaFlex 2111	MediaFlex 5811/5111	MediaFlex 2835	MediaFlex 2225/2211	FlexMaster
Device	AP/Adapter	AP	Adapter	AP/Adapter	AP	Bridge/Repeater	Linux Based SW
Application	IPTV	Triple-Play	Triple-Play	IPTV	Homespot	Wi-Fi extension	Management
Ethernet ports	1 port	5 ports/1 port	1 port	1 port	5 ports	5 ports / 1 port	N/A
Wireless mode	802.11n	802.11 b/g	802.11 b/g	802.11a	802.11b/g	802.11b/g	N/A
Frequency	5 GHz	2.4 GHz	2.4 GHz	5 GHz	2.4 GHz	2.4 GHz	N/A
Number of SSIDs	1 SSID	Up to 2 SSID	1 SSID	1 SSID	Up to 4 SSID	Up to 2 SSID	N/A
Routing mode	Bridge	NAT/Bridge	Bridge	Bridge	NAT/Bridge	NAT/Bridge	N/A
Tunneling	N/A	N/A	N/A	N/A	L2TP/IPSEC tunnels	L2TP tunnels	N/A
Management	FlexMaster (7811), HTTP/s	FlexMaster (2825), SNMP, HTTP/s	SNMP, HTTP/s	HTTP/s	FlexMaster, SNMP, HTTP/s	SNMP, HTTP/s	TR-069

ABOUT RUCKUS WIRELESS

- Based in Sunnyvale, California
- Formed in 2004
- Funded by Motorola, T-Online, Sequoia Capital
- 140 employees
- Over one million "Ruckus Smart Wi-Fi systems shipped worldwide
- Over 30 patents in the area of adaptive RF signal path selection, beam steering, beam forming, and quality of service

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Ruckus™ WIRELESS

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